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N-TRUCK ATX MEETING MINUTES  
MARCH 9, 1994  
TELEFLEX - TROY

ATTENDEES: JOE BUCCELLATO WAYNE BATES  
MATT ELIAS KEVIN MCMAHON  
MIKE REASONER

I. N-TRUCK ATX

A. GROMMETS

1. ASSEMBLY SEQUENCE
  - USING CLUTCH HOLE
  - ENGINE SIDE
2. BRAINSTORMING
  - SINGLE & DUAL DUROMETER REVIEWED *← out*
  - TOYOTA STYLE (METAL PLATE W/RUBBER INSERT) WITH MOUNTING BOLTS ATTACHED TO PLATE. NEED COST & TIMING.

B. HEAT TESTING

1. REPORT DUE NEXT MEETING
2. TEMP VS. DISTANCE, TEST SHOWED NOT MUCH CHANGE AFTER 1/4" AWAY FROM SURFACE. CONCLUSION; OUR HEAT SOURCE IS NOT REPRESENTATIVE OF EXHAUST PIPE (I.E., TOO EXTREME). BASED ON RESULTS, NO HEAT SLEEVE REQUIRED. JOE B. WILL PERFORM WIND TUNNEL TEST TO CONFIRM TEMPS.

C. MID-CONDUIT TOOLING & SWIVEL TUBE

- 1. NEW TOOLING REQUIREMENTS
  - SWIVEL TUBE - TBD *← carry over*
  - SLIDER - NEW
  - LOCK - CARRYOVER
  - GROMMET - TBD *phone bracket*
  - BODY - NEW

D. COLUMN & TRANS END FITTING

1. TFX TO SUPPLY RECOMMENDED HOLE SIZE, TOLERANCE & PUNCH DIRECTION
2. MATERIAL MAY CHANGE DUE TO TEMP.
3. TFX TO REVIEW 12T & 80433 CAPABILITIES W/DUPONT. CURRENT DIRECTION IS 12T.

E. TERMINALS

1. TFX TO DO TESTING (LASH, LIFE CYCLE, ETC.) ON VARIOUS TERMINALS: NS, ISOLATED, NON-ISOLATED, FLIP FLOP, PARK LOCK ETC. *← Do survey w/ intention.*

F. TIMING

1. PRE-FI PARTS DUE 6-13-94 (3 PCS.) OK TO USE SAME AS B-VAN EXCEPT LENGTH. JOE WILL CONFIRM LENGTH (AND GROMMET IF DIFFERENT THAN B-VAN).
2. F-1 (PRODUCTION INTENT) PARTS DUE 3RD WEEK OF SEPTEMBER, '94. NEED TO KICK OFF PROTOTYPE TOOLS BY MID JUNE, '94.

\* NEXT MEETING 3/16/94 - 2:00 P.M. - TELEFLEX

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